XR-6088

SERVICE MANUAL

E Model
AEP Model

Model Name Using Similar Mechanism	NEW
Tape Transport Mechanism Type	MG-36HJ-32

SPECIFICATIONS

Power amplifier section

Outputs: Speaker outputs (sure seal connectors)
Speaker impedance: 4 – 8 ohms
Maximum power output: 7.5 W + 7.5 W (at 4 ohms)*
*Measured at 14.4 V

Cassette player section

Tape track: 4-track 2-channel stereo
Frequency response: 40 – 15,000 Hz
Signal-to-noise ratio: 55 dB with TYPE I cassettes
58 dB with TYPE II, IV cassettes
Wow and flutter: 0.13% (WRMS)

Tuner section

FM

FM tuning interval: 50 kHz/200 kHz switchable
Tuning range: 87.9 – 107.9 MHz (at 10 k position), 87.5 – 108 MHz (9 k position)
Antenna terminal: External antenna connector/ Power antenna relay control lead
Intermediate frequency: 10.7 MHz
Usable sensitivity: 13 dBf (75 ohms)
Selectivity: 70 dB at 400 kHz
Signal-to-noise ratio: 65 dB (stereo), 68 dB (monaural)
Harmonic distortion at 1 kHz: 0.9% (stereo), 0.5% (monaural)
Separation: 35 dB at 1 kHz
Frequency response: 30 – 15,000 Hz (±3 dB)
Capture ratio: 2.0 dB

AM

AM tuning interval: 9 kHz/10 kHz switchable
Tuning range: 530 – 1,620 kHz (at 10 k position), 531 – 1,611 kHz (at 9 k position)
Antenna terminal: External antenna connector/ Power antenna relay control lead
Intermediate frequency: 450 kHz
Sensitivity: 32 μV

General

Time display system: 12 hours display
Output lead: Power antenna relay control lead
Output connector: Ground wire terminal
Tone controls: Bass: ±8 dB at 100 Hz
Treble: ±8 dB at 10 kHz
Power requirements: 12 V DC car battery (negative ground)
Mounting dimensions: Approx. 178 × 50 × 125 mm (w/h/d) ($7\frac{1}{8} \times 2 \times 5$ inches)
Weight: Approx. 1.3 kg (2 lb 14 oz)

Accessories supplied: Mounting hardware (1 set)

Design and specifications subject to change without notice.

FM/AM CASSETTE CAR STEREO

SONY®

使用時は添付資料も参照のこと
Refer to the additional documents.

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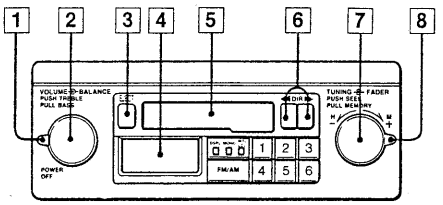
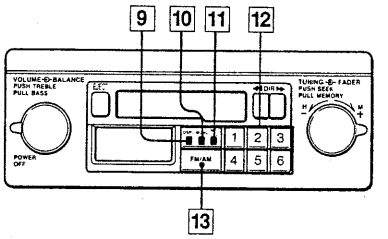
SECTION 1
GENERAL

This section is extracted from instruction manual.

Location and Function of Controls

Refer to the page in ● for details.





1 BALANCE control
Turn to adjust the balance of the left and right channel outputs.

2 POWER OFF (power on) switch/VOLUME/PUSH TREBLE/PULL BASS control

POWER ON/OFF switch	Turn clockwise to turn on the unit and then for more volume.
VOLUME control	
TREBLE control	Press and turn to adjust treble.
BASS control	Pull and turn to adjust bass.

3 EJECT button
Press to stop the tape and take out the cassette.

4 Display window

5 Cassette insertion door

6 ◀◀ / ▶▶ (fast winding) buttons/DIR (tape transport direction) change buttons
During playback, depress ◀◀ or ▶▶ for fast winding and press both ◀◀ and ▶▶ simultaneously to listen to the other side of the cassette.

7 TUNING knob/PUSH SEEK knob/PULL MEMORY knob

TUNING knob	Turn to manually tune in the desired station.
SEEK knob	Press for automatic tuning.
MEMORY knob	Pull to memorize the frequency of the station being received.

Use this knob also for clock setting. ⓬

8 FADER control
Turn clockwise to decrease the volume of the front speakers or counterclockwise to decrease the volume of the rear speakers.

9 DSPL (display) button
Press to display the time indication during radio reception.

10 MONO (monaural) button
Press to reduce noise during reception of a weak FM stereo program. To restore to stereo, press it again.

11 MTL/LCL (metal/local) button

Operation mode	How to use
Tape playback	Press when listening to CrO_2 (TYPE II) or metal (TYPE IV) tapes. When listening to normal (TYPE I) tapes, press it again.
Radio reception	Press to eliminate interference from adjacent stations during reception of a comparatively strong station. To go back to the normal receiving sensitivity, press it again.

12 Preset number buttons

13 FM/AM (band select) button
Press to select a desired band;
—FM 1, FM 2 or AM (at 10 k position)
—FM 1 or AM (at 9 k position)

Installation

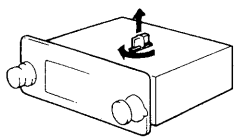
Precautions

- Choose the mounting location carefully so that the unit will not interfere with the normal driving functions of the driver.
- Avoid installing the unit where it should be subject to high temperatures, such as from direct sunlight or from hot air from the heater, or where it would be subject to dust, dirt or excessive vibration.
- Use only the supplied mounting hardware for a safe and secure installation.

Basic Installation

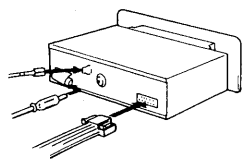
Use the mounting hardware supplied with the unit.

Remove the transit lock.

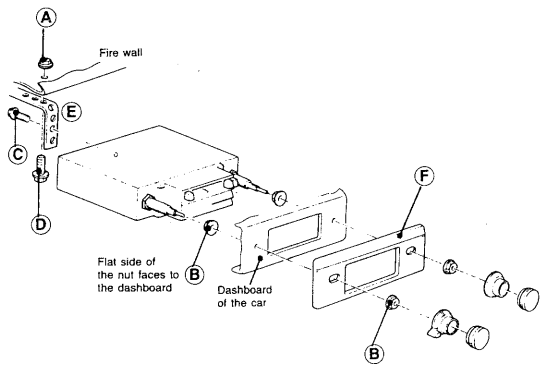


Turn 90° and then pull it out.

Attach the cords.



Mount the unit.



Connections

Caution

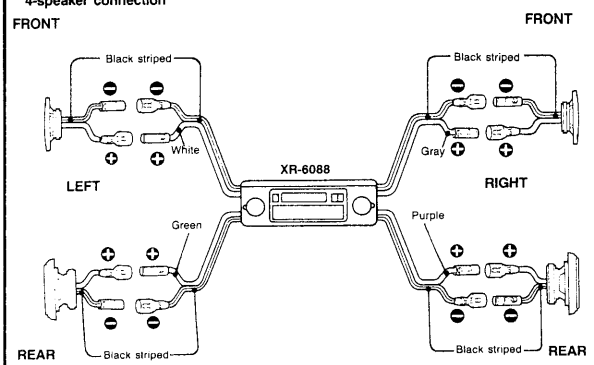
- This unit is designed for negative ground 12V DC operation only.
- Before making connections, disconnect the ground terminal of the car battery to avoid short circuits.
- Connect the **red** power input lead only after all other leads are connected. Be sure to connect it to the positive 12V power terminal which will be energized when the ignition key is set to the accessory position.
- **Run all ground wires to a common ground point.**

Speaker Connection

Notes on speaker connection

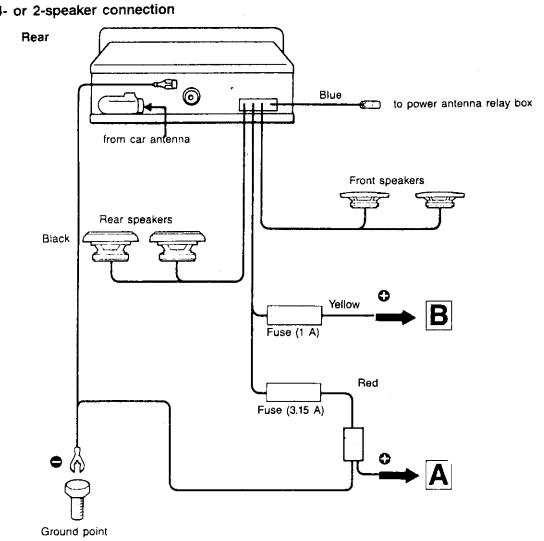
- Use speakers with an impedance of 4 to 8 ohms, and with adequate power handling capacities. Otherwise, the speakers may be damaged.
- Do not connect the terminals of the speaker system to the car chassis, and do not connect the terminals of the right speaker with those of the left speaker.
- Do not attempt to connect the speakers in parallel.

4-speaker connection



Connection Diagram

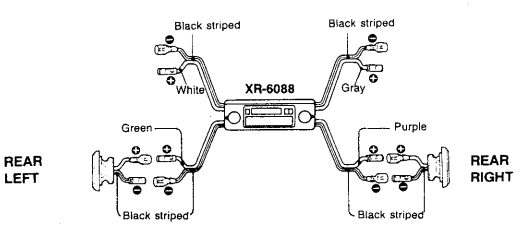
4- or 2-speaker connection



2-speaker connection

Use either pair of front (FRONT LEFT and FRONT RIGHT) or rear (REAR LEFT and REAR RIGHT) speaker cords, and leave the other pair free.

Example: Using the rear speaker cords



SECTION 2
ADJUSTMENTS

2-1. MECHANICAL ADJUSTMENT

No mechanical adjustments applied to this unit.

Torque Measurement

	Torque meter	Meter reading
FWD	CQ-102C	40 – 75 g·cm (0.55 – 1.040 oz·inch)
FF/REW	CQ-201B	More than 60 g·cm (More than 0.83 oz·inch)

2-2. ELECTRICAL ADJUSTMENTS

- Switches and controls should be set as follows unless otherwise specified.
  VOLUME control: mechanical center
  BALANCE control: center click
  FADER control: center click

TAPE SECTION

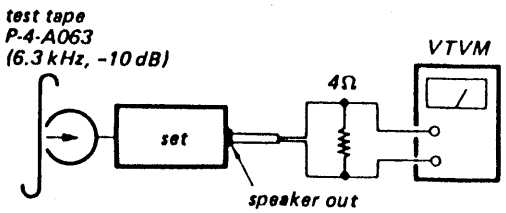
Playback Head Azimuth Adjustment

Setting:

MTL switch: LCL

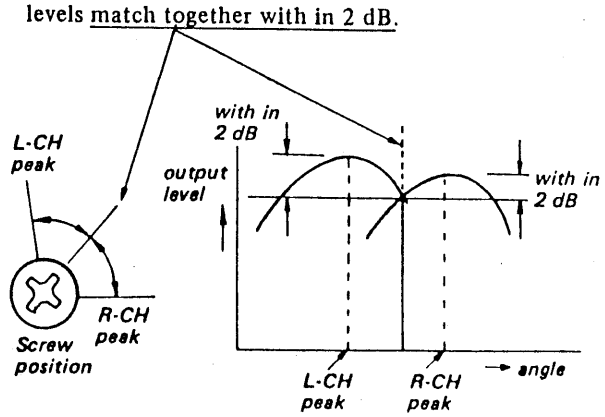
Procedure:

1. Mode: forward playback

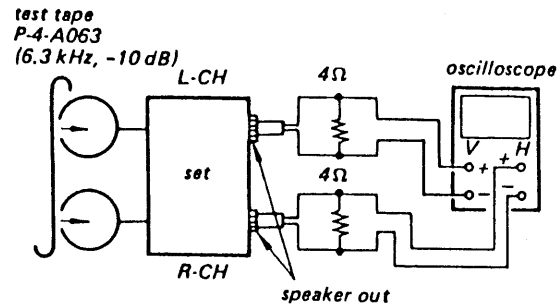


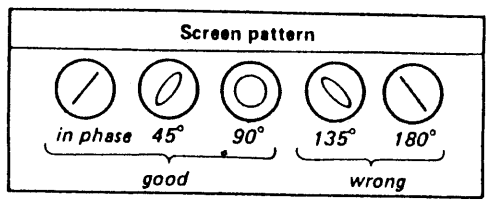
Adjust for forward (▶) direction and reverse (◀) direction.

2. Turn the adjustment screw for the maximum output levels. If these levels do not match, turn the adjustment screw until both of output levels match together with in 2 dB.



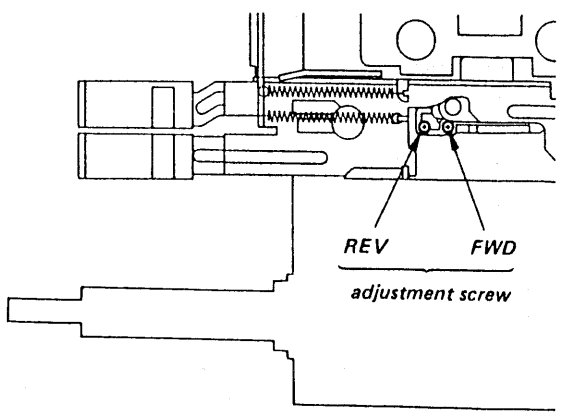
3. Phase Check
   Confirm that phase difference between L-channel and R-channel is within 90°





4. Perform steps 1-3 in reverse playback mode, and adjust the adjustment screw until output level of both forward and reverse playback modes matches together.
5. After the adjustment, lock the screws with locking compound.

Adjustment Location:



FM SECTION

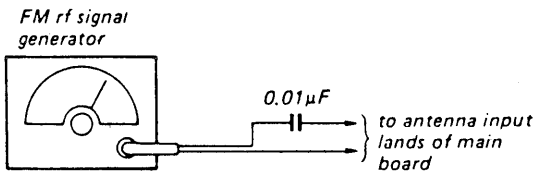
The FM front-end is carefully adjusted at the factory and is supplied as one whole block for replacement.

FM IF Adjustment

Setup:

Note: center-zero meter should be of high input impedance type.

BAND: FM MONO
Frequency: 98.0 MHz



Carrier frequency: 98.0 MHz
Modulation: 1 kHz, 75 kHz deviation (100%)
Output level: 1 mV (60 dB)
Mode: monaural

Procedure:

Slowly adjust the core of T1 to obtain a zero (0) V reading on VTVM or zero-center DC voltmeter.

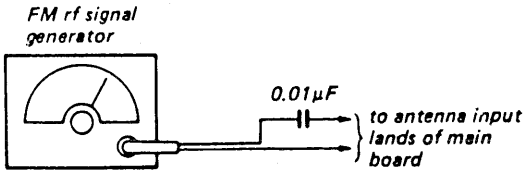
Adjustment Location: main board

FM Auto-scan Stop Level Adjustment

Note: Be sure to perform this adjustment before "AM Auto-scan Stop Level Adjustment".

Setup:

BAND: FM MONO
Frequency: 98.0 MHz



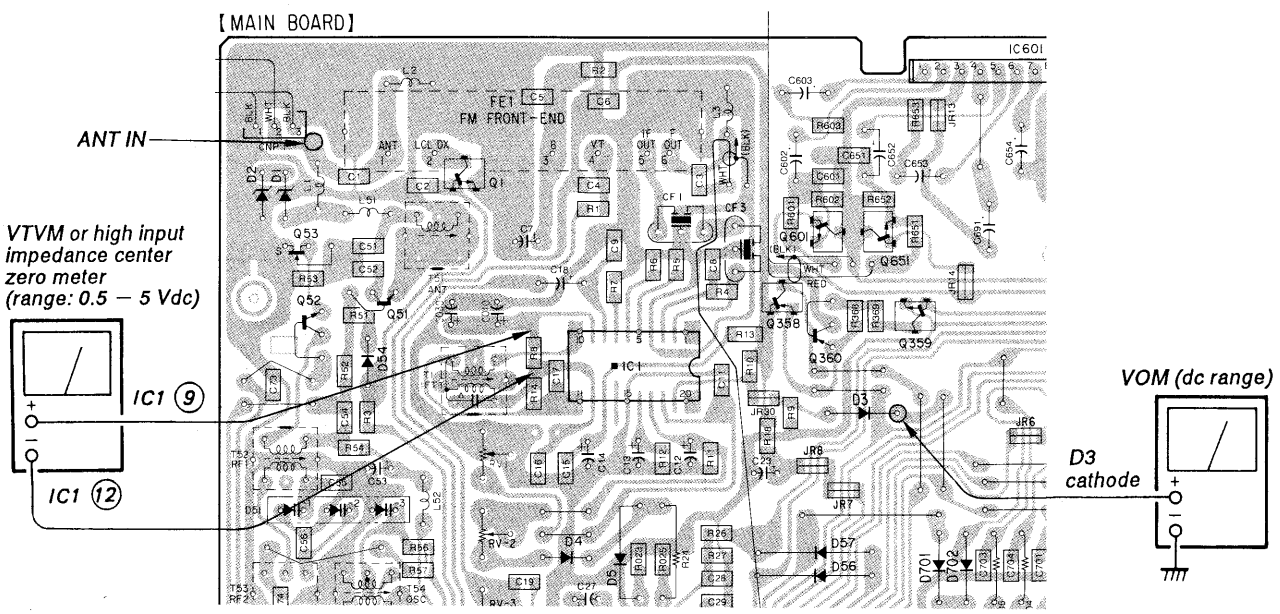
Carrier frequency: 98.0 MHz
Modulation: monaural, no modulation
Output level: 17.8 μV (25 dB)

Procedure:

1. Adjust RV1 at the point where voltage reading suddenly changes.
2. Change the FM rf signal generator output and confirm that the point where voltage reading suddenly changes 25 ± 5 dB (20 dB to 30 dB).

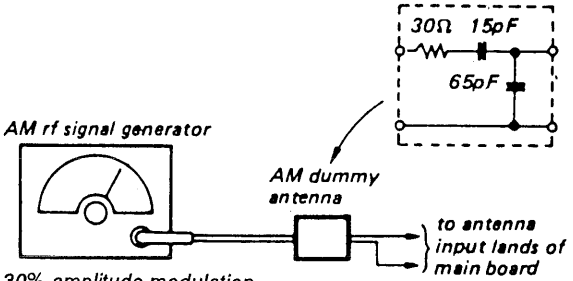
Adjustment Location: main board

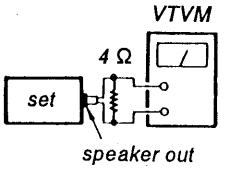
FM IF Adjustment



AM SECTION

AM IF/Tracking Adjustments





AM IF ADJUSTMENT	
Adjust for a maximum reading on VTVM.	
T55, 56	450 kHz

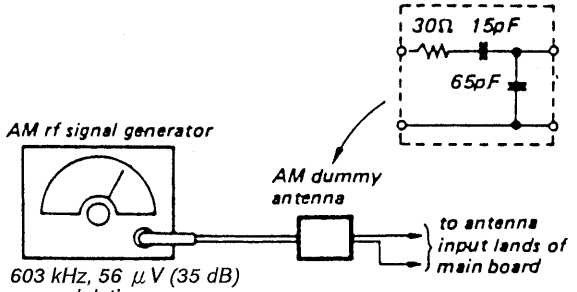
AM TRACKING ADJUSTMENT	
Adjust for a maximum reading on VTVM.	
T52, 53	603 kHz

AM Auto-scan Stop Level Adjustment

Note: Be sure to perform this adjustment after "FM Auto-scan Stop Adjustment"

Setup:

BAND: AM
Frequency: 603 kHz



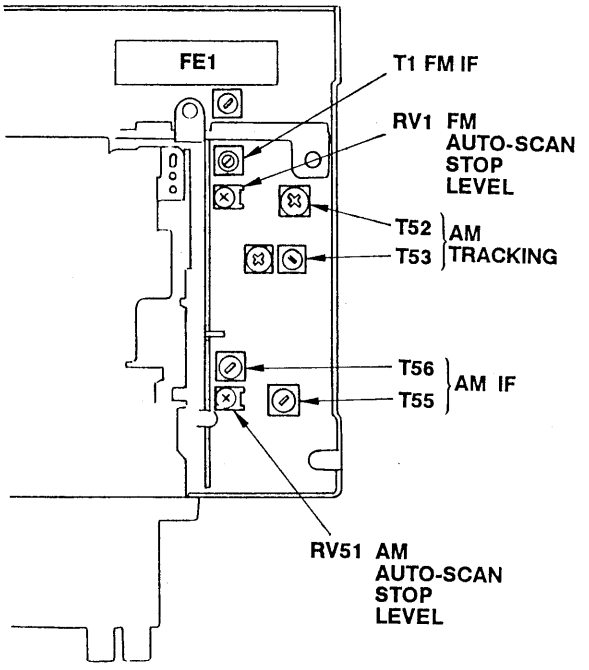
Procedure:

1. Adjust RV51 at the point where voltage reading suddenly changes.
2. Change the AM rf signal generator output and confirm that the point where voltage reading suddenly changes is 35 ± 5 dB (30 dB to 40 dB).

Adjustment Location: main board

Adjustment Location:

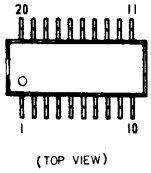
MAIN BOARD (COMPONENT SIDE)



SECTION 3
DIAGRAMS

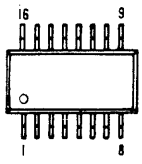
- **Semiconductor Lead Layouts**

LA1137NM
LA1145M



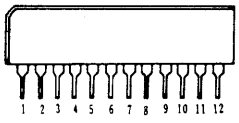
(TOP VIEW)

LA3430M

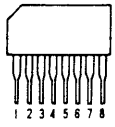


(TOP VIEW)

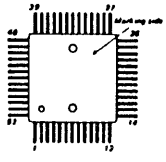
LA4445



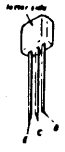
μPC1228HA



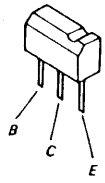
μPD1708AG-783-00



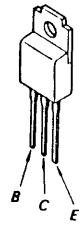
2SA1150
2SA1175-HFE
2SC536SP-G
2SC2668
2SC2785-E
2SC2785-HFE



2SC2673

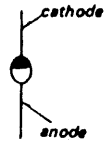


2SD1761-EF

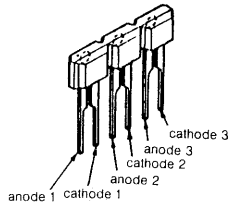


2SK523-M1

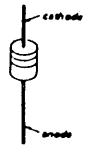
DSA3A4



KV1281-3-2



LTZ-MR15
RD10ES-B2
RD16ES-B3
RD5.6ES-B2
RD6.2ES-B2
RD9.1ES-B2
1SS119
11ES2



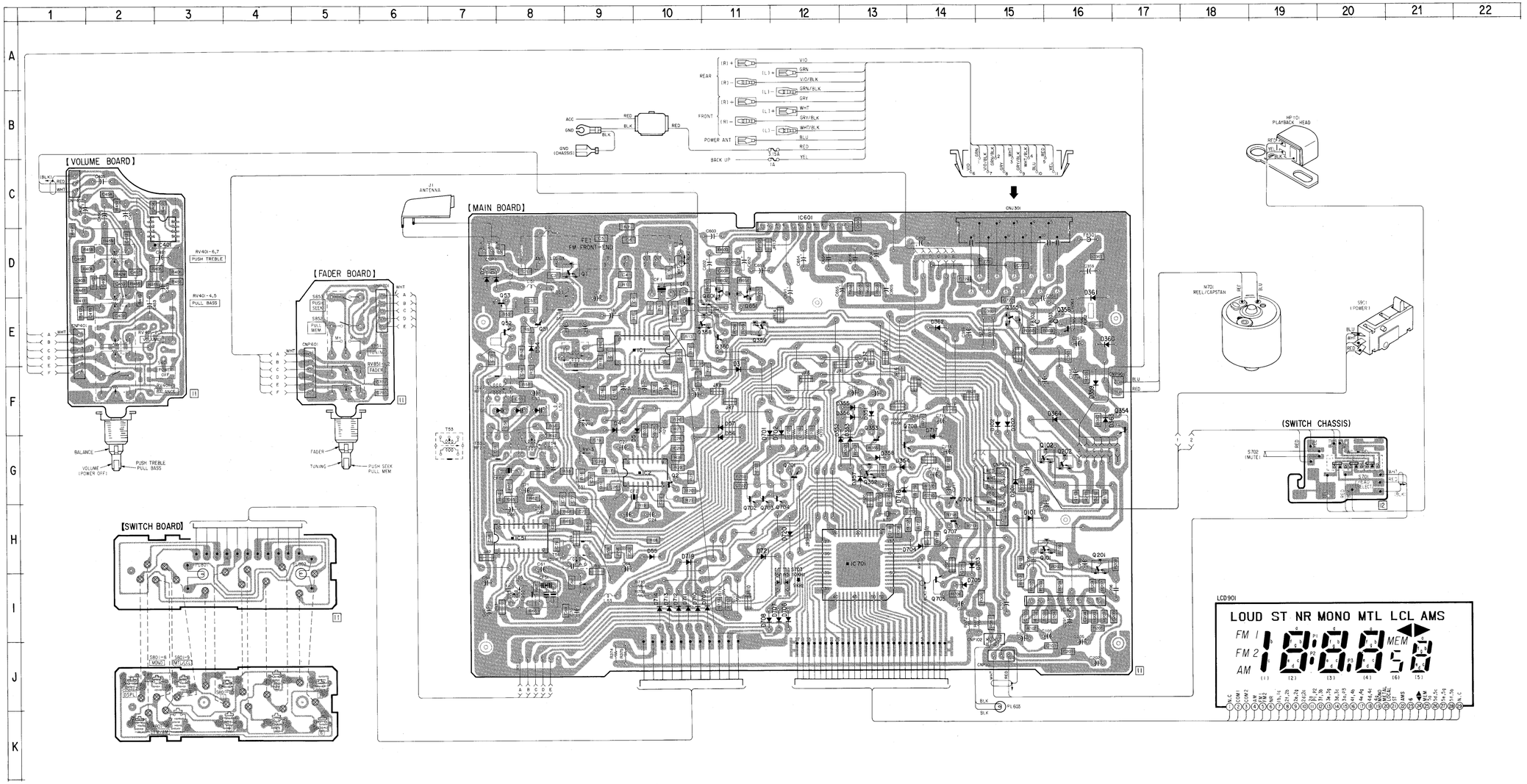
3-1. PRINTED WIRING BOARDS

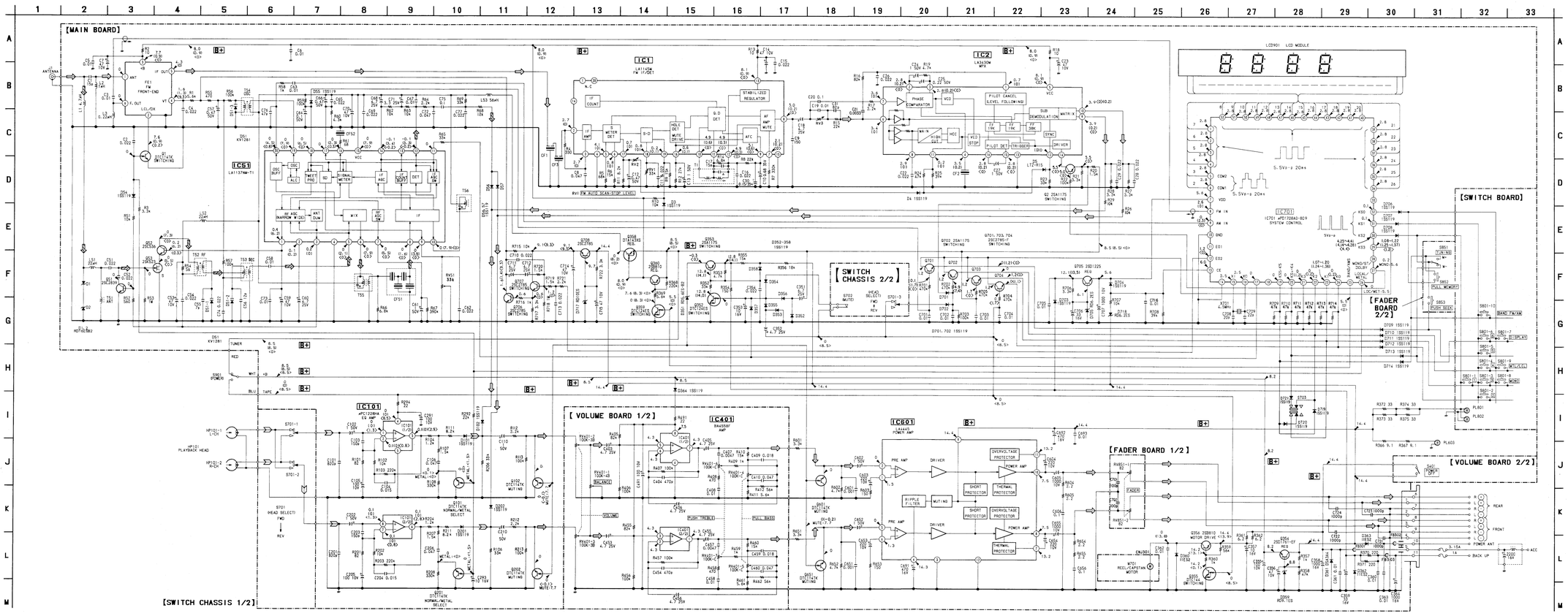
• See page 7 for Semiconductor Lead Layouts.

• Semiconductor Location

Ref. No.	Location	Ref. No.	Location
D1	D-7	IC1	E-10
D2	D-7	IC2	G-10
D3	F-11	IC51	H-8
D4	F-9	IC101	I-16
D5	F-10	IC401	D-3
D51	F-8	IC601	C-12
D54	E-8	IC701	H-13
D55	H-10		
D56	G-11	Q1	D-9
D57	F-11	Q2	G-10
D101	H-15	Q51	E-8
D102	F-15	Q52	E-8
D201	G-15	Q53	E-8
D202	F-15	Q101	H-15
D351	F-13	Q102	G-15
D352	G-12	Q201	H-16
D353	G-13	Q202	G-16
D354	G-13	Q352	G-13
D355	F-13	Q353	F-13
D356	F-13	Q354	F-17
D357	G-13	Q355	E-15
D358	G-13	Q356	E-16
D359	F-16	Q358	E-10
D360	E-16	Q359	E-11
D361	E-16	Q360	E-11
D362	E-14	Q601	D-11
D363	F-16	Q651	D-11
D364	F-16	Q701	G-12
D701	F-11	Q702	G-11
D702	F-12	Q703	G-11
D703	H-14	Q704	G-12
D704	H-14	Q705	I-14
D705	I-14	Q706	H-14
D706	I-12	Q707	H-14
D707	I-12	Q708	G-14
D708	I-11		
D709	I-11		
D710	I-10		
D711	I-10		
D712	I-10		
D713	I-10		
D714	I-10		
D717	G-14		
D718	G-13		
D719	H-10		
D720	H-12		
D721	H-11		

Note:
- o——— : parts extracted from the component side.
- ▒▒▒ : Carbon pattern.





Note :

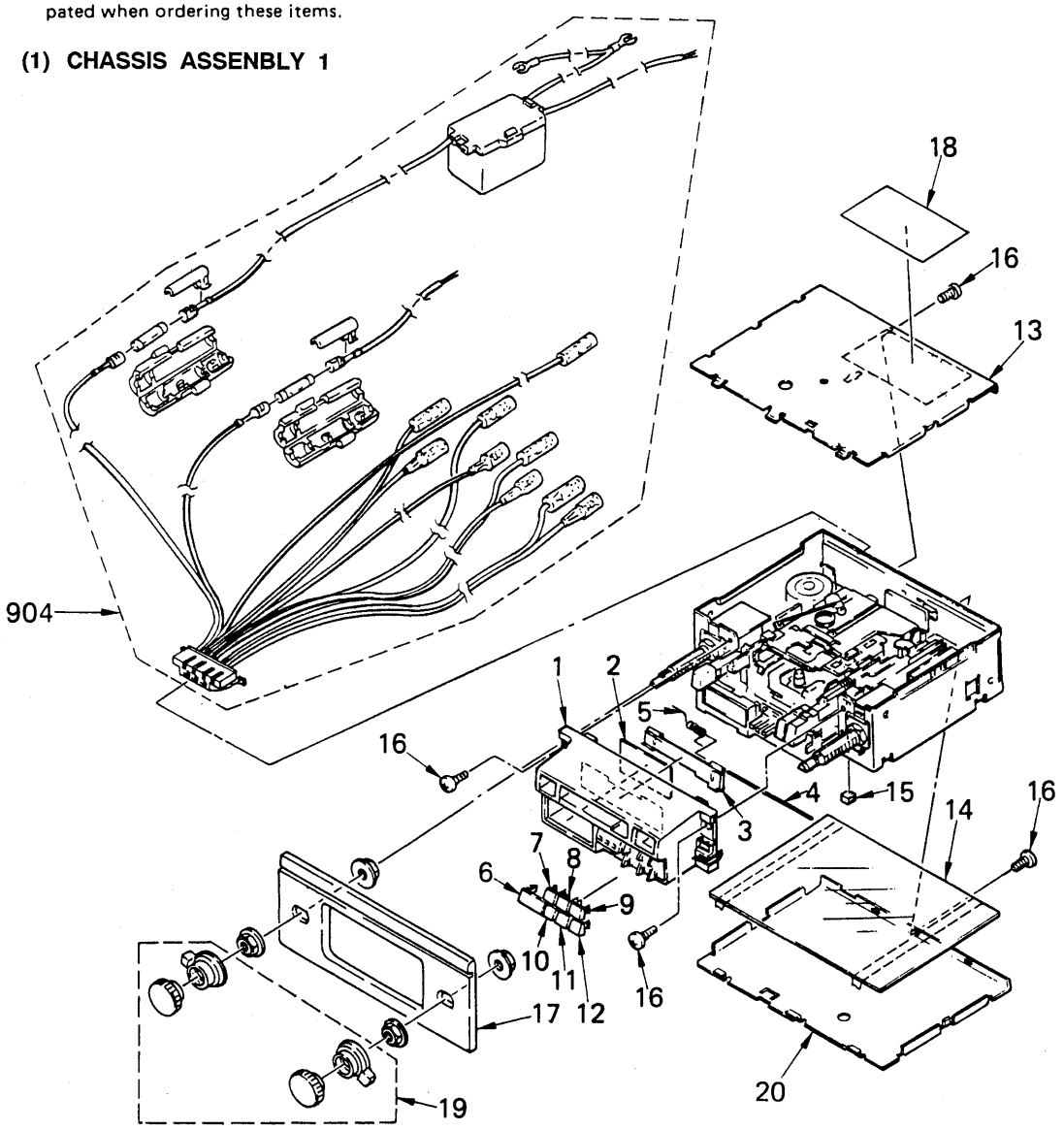
- All capacitors are in μF unless otherwise noted. pF: μμF 50 WV or less are not indicated except for electrolytics and tantaliums.
- All resistors are in Ω and ¼ W or less unless otherwise specified.
- △ : internal component.
- B+ : B+ Line.
- ▭ : adjustment for repair.
- Power voltage is dc 14.4 V and fed with regurated dc power supply from ACC and BACK-UP terminals.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  no mark : FM
  ( ) : AM
  < > : TAPE
- Voltages are taken with a VOM (10 MΩ/V).
  Voltage variations may be noted due to normal production tolerances.
- Signal path.
  ⇨ : FM
  ⇨ : AM
  ⇨ : PB

SECTION 4
EXPLODED VIEWS

NOTE:

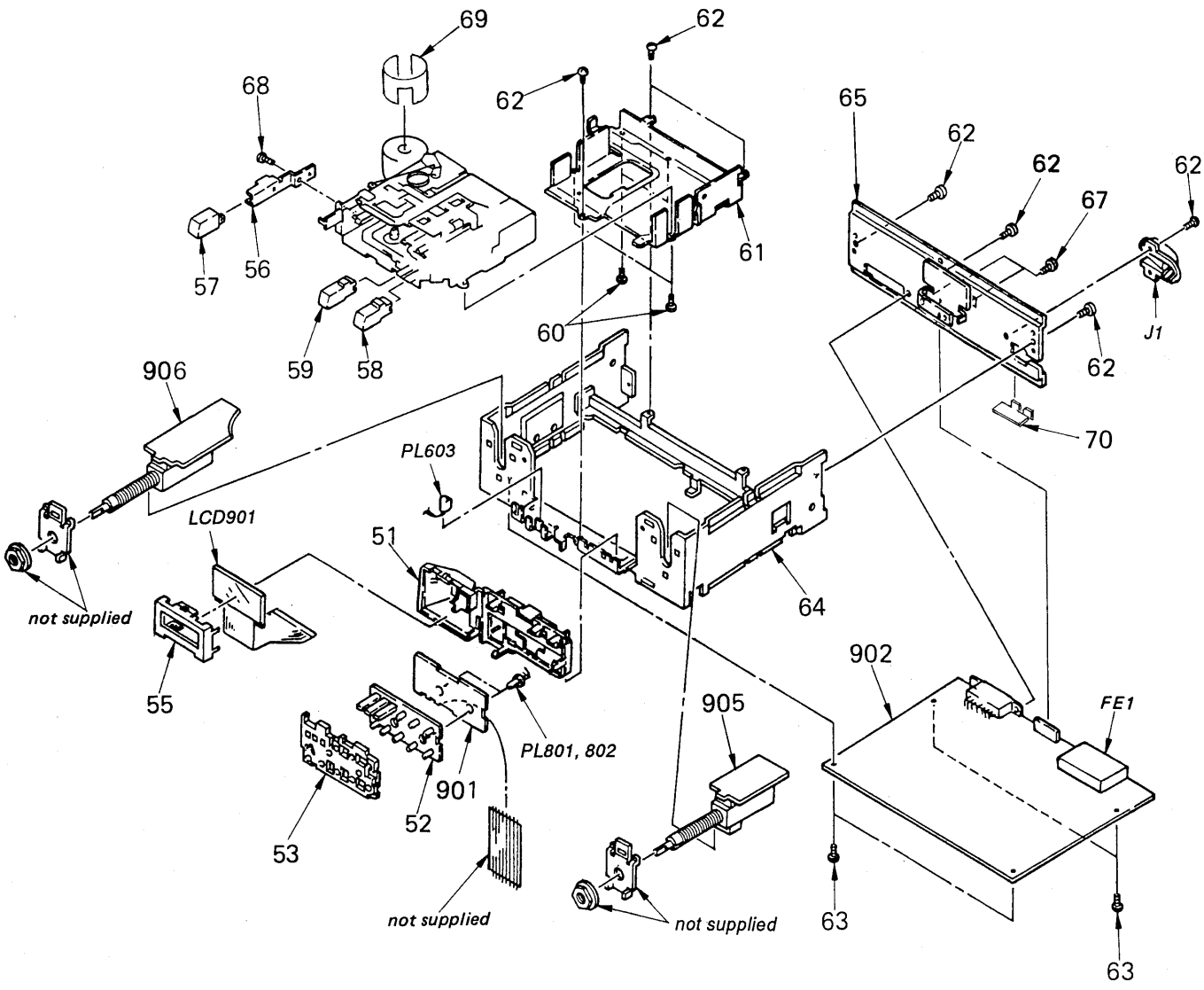
- The mechanical parts with no reference number in the exploded views are not supplied.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked "★" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Due to standardization, parts with part number suffix -XX and -X may be different from the parts specified in the components used on the set.
- Color Indication of Appearance Parts
  Example:
  (RED) . . . KNOB, BALANCE (WHITE)
  ↑ Cabinet's Color ↑ Parts Color

(1) CHASSIS ASSENBLY 1



No.	Part No.	Description	Remarks
1	3-392-463-01	PANEL, FRONT	
2	3-392-469-01	COVER (DISPLAY)	
3	3-392-468-21	DOOR, CASSETTE	
4	3-332-130-01	SHAFT, C DOOR	
5	3-559-944-00	SPRING	
6	3-392-462-01	BUTTON (E)	
7	3-392-473-01	BUTTON (A)(1)	
8	3-392-473-11	BUTTON (A)(2)	
9	3-392-474-01	BUTTON (B)(3)	
10	3-392-475-01	BUTTON (C)(4)	
11	3-392-475-11	BUTTON (C)(5)	
12	3-392-476-01	BUTTON (D)(6)	
13	*3-391-714-11	LID	
14	*3-391-707-01	SHEET, INSULATING	
15	9-911-841-XX	CUSHION, CASSETTE LID	
16	7-621-770-67	SCREW +BVTT 2.6X6 (S)	
17	3-391-763-41	PLATE, TRIM	
18	*3-362-503-01	LABEL, MODEL NUMBER (E)	
19	X-3391-211-1	KNOB (1) ASSY	
20	3-391-714-21	LID	
904	*1-575-517-12	CORD, CONNECTOR (FUSE HOLDER)	
	1-532-360-XX	FUSE (1A)	
	1-532-419-00	FUSE (3.15A)	

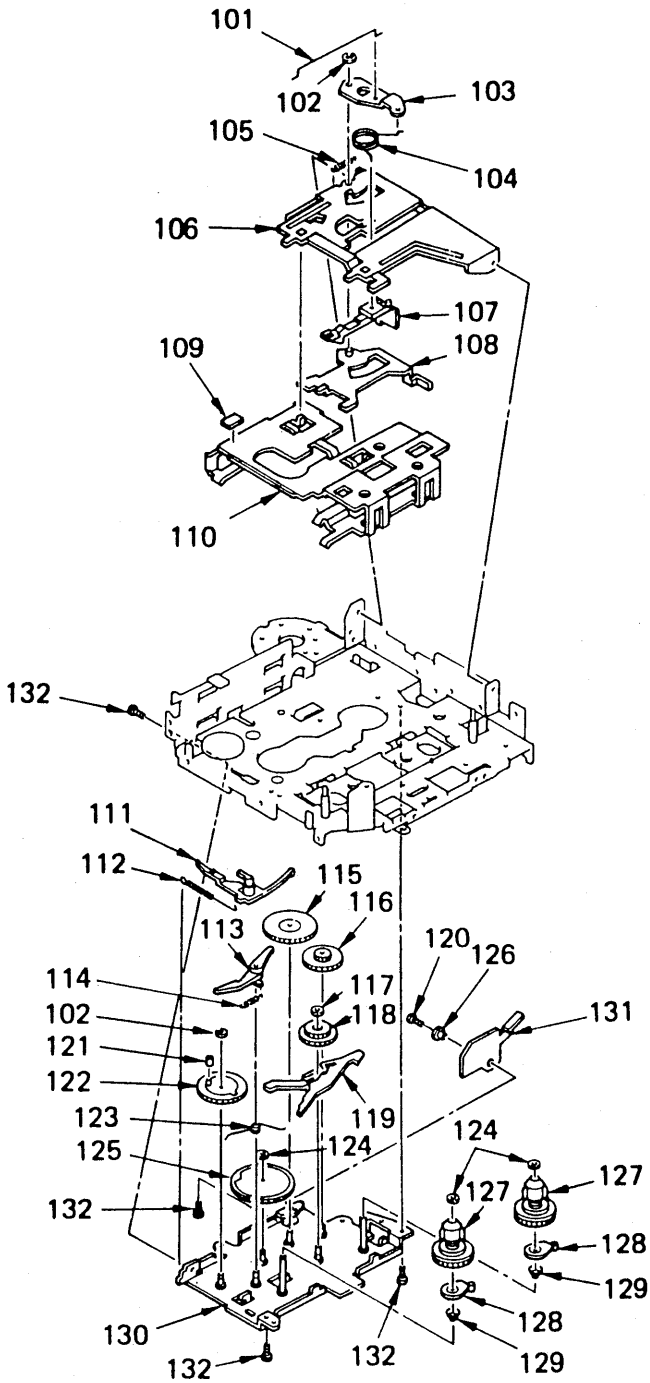
(2) CHASSIS ASSEMBLY 2



No.	Part No.	Description	Remarks
51	*3-392-471-01	HOLDER (PCB)	
52	3-392-472-01	SWITCH, RUBBER KEY	
53	*3-392-470-01	PLATE, LIGHT GUIDE	
55	*3-392-467-01	HOLDER (LCD)	
56	3-392-429-01	LEVER (EJECT)	
57	3-391-702-31	BUTTON, EJECT	
58	3-391-754-51	BUTTON, FF	
59	3-391-755-51	BUTTON, REW	
60	7-621-773-86	SCREW +BVTT 2.6X4 (S)	
61	*3-392-413-01	BRACKET (MD)	
62	7-621-770-67	SCREW +BVTT 2.6X6 (S)	
63	7-621-770-67	SCREW (+PTT 2.6X8), GROUND POINT	
64	*X-3358-001-1	CHASSIS ASSY	

No.	Part No.	Description	Remarks
65	*X-3358-004-1	CHASSIS (REAR) ASSY	
67	7-685-135-19	SCREW +BTP 2.6X10 TYPE2 N-S	
68	7-621-775-00	SCREW +B 2.6X3	
69	*3-358-025-01	PLATE (MOTOR), SHIELD	
70	*3-363-455-01	PLATE, GROUND	
901	*1-629-901-11	PC BOARD, SWITCH	
902	*A-3273-251-A	MOUNTED PCB, MAIN	
905	*1-636-886-11	PC BOARD, FADER (2)	
906	*A-3281-643-A	MOUNTED PCB, VOLUME	
FE1	1-465-043-11	FRONT END, FM	
J1	*1-563-162-11	SOCKET, CONNECTOR	
LCD901	1-809-199-11	DISPLAY PANEL, LIQUID CRYSTAL	
PL603	1-518-661-11	LAMP, PILOT	
PL801	1-518-644-11	LAMP, PILOT	
PL802	1-518-644-11	LAMP, PILOT	

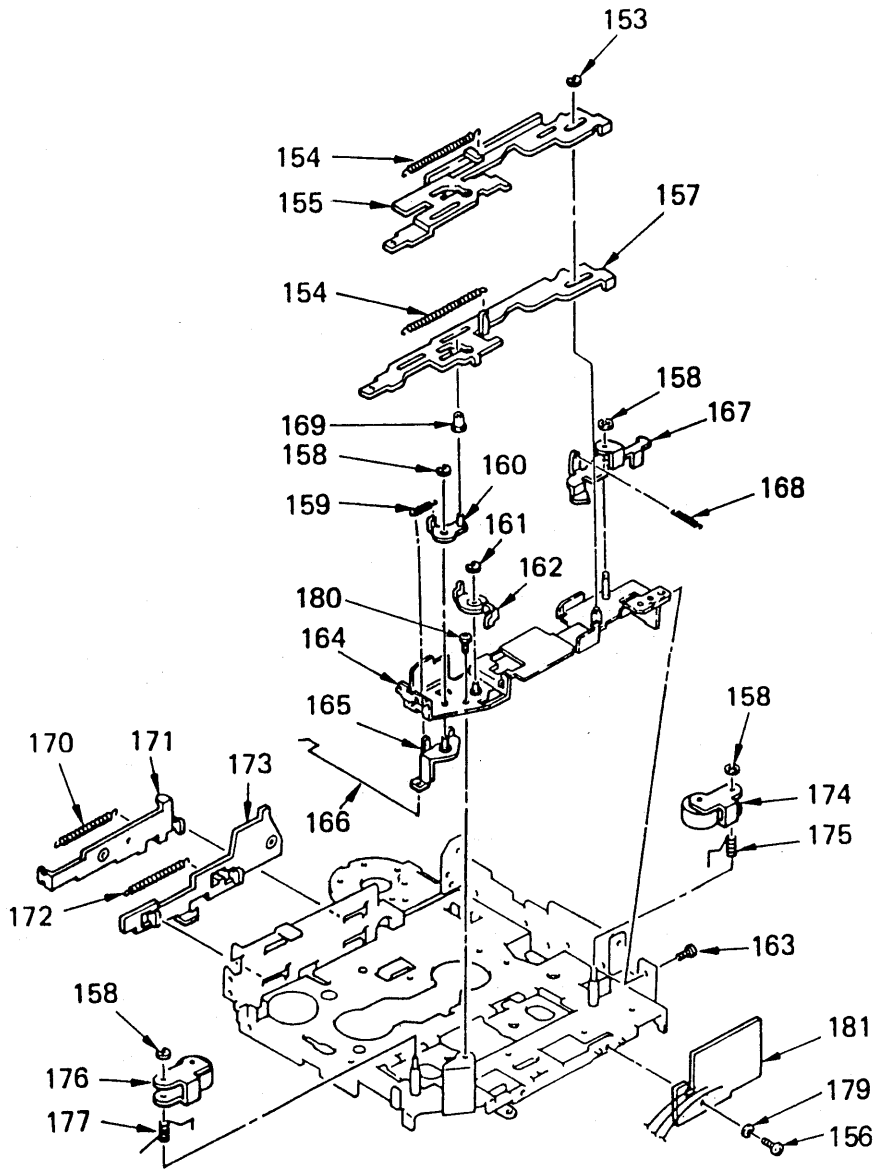
(3) MD ASSEMBLY 1



No.	Part No.	Description	Remarks
101	3-392-969-01	LINK, RETURN	
102	7-624-104-04	STOP RING 2.0, TYPE -E'	
103	*3-392-932-01	PLATE, CENTER	
104	3-392-961-01	SPRING (B)	
105	3-392-953-01	SPRING	
106	*3-392-973-01	HANGER, CASSETTE	
107	3-392-972-01	HOOKER, TAPE	
108	*3-392-921-01	LOCK ASSY, EJECT CAM	
109	*3-392-968-01	CUSHION, C.H	
110	*3-392-977-01	HOLDER, CASSETTE	
111	3-392-985-01	RATCHET	
112	3-392-959-01	SPRING	
113	3-392-989-01	ARM, GEAR LOCK	
114	3-392-949-01	SPRING	
115	3-392-937-01	GEAR (B)	
116	3-392-936-01	GEAR (A)	

No.	Part No.	Description	Remarks
117	3-570-615-00	POLY-WASHER (DIA.1.2)	
118	3-392-915-01	GEAR, IDLE	
119	3-392-986-01	ARM, SENSOR	
120	4-908-792-31	SCREW (B2) (M2X4), TAPPING	
121	3-392-944-01	COLLAR (CELECTER GEAR)	
122	3-392-987-01	GEAR, SELECTOR	
123	3-392-960-01	SPRING	
124	3-676-387-00	POLY-SLIDER (DIA.1.6)	
125	3-392-990-01	GEAR, DETECTION	
126	3-392-946-01	COLLAR, SWITCH ARM	
127	3-392-910-01	SPINDLE ASSY, REEL	
128	3-392-940-01	CAM, DETECTION	
129	3-392-964-01	SPRING, TENSION	
130	*3-392-976-01	BASE ASSY, REEL	
131	*3-392-982-01	ARM, SWITCH	
132	*4-908-792-11	SCREW (B2X3), TAPPING, P1	

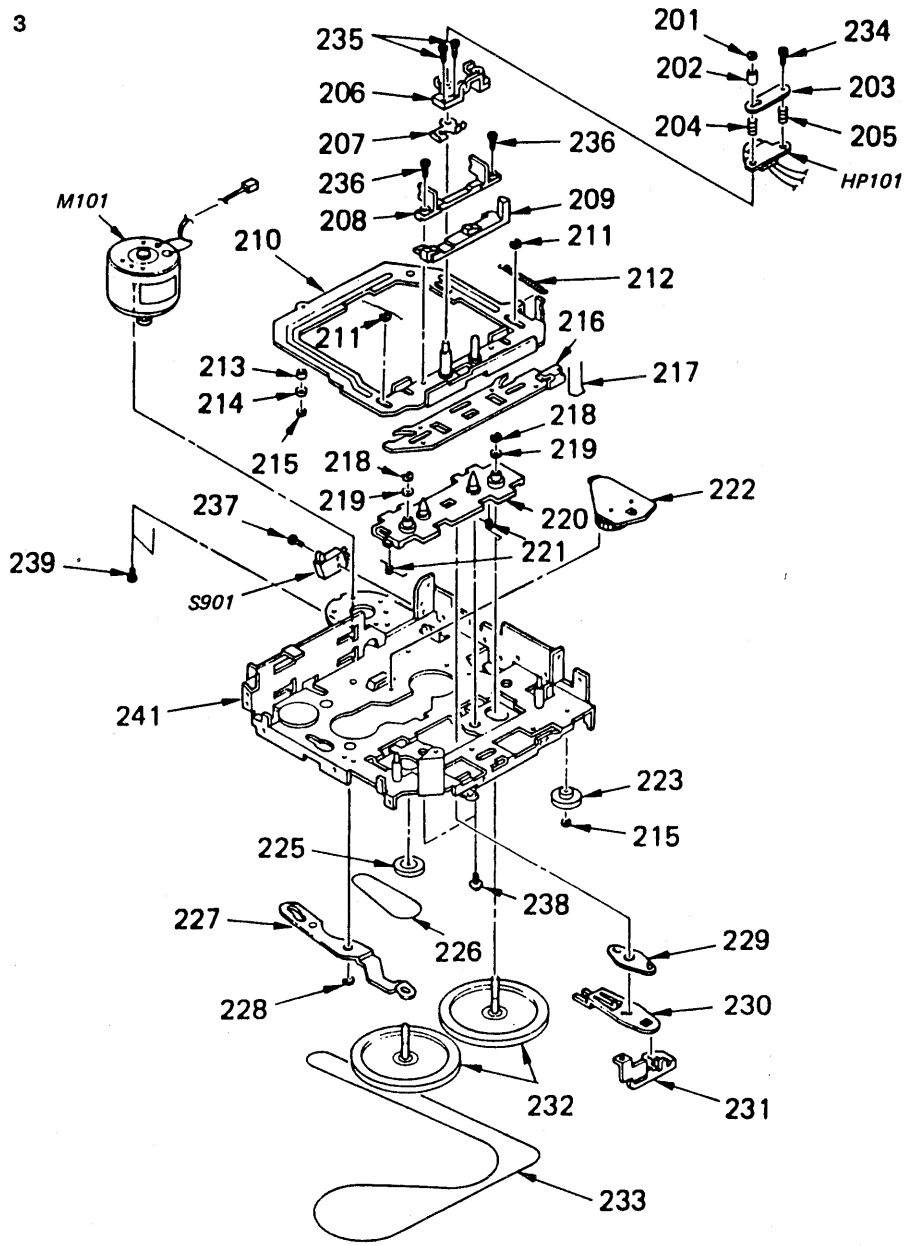
(4) MD ASSEMBLY 2



No.	Part No.	Description	Remarks
153	7-624-104-04	STOP RING 2.0, TYPE -E	
154	3-392-948-01	SPRING	
155	*3-392-980-01	LEVER, FF	
156	4-908-792-51	SCREW (B2X5), TAPPING, PI	
157	*3-392-981-01	LEVER, REW	
158	7-624-102-04	STOP RING 1.5, TYPE -E	
159	3-392-954-01	SPRING	
160	*3-392-924-01	ARM ASSY, PROGRAM	
161	7-624-105-04	STOP RING 2.3, TYPE -E	
162	*3-392-933-01	LEVER (B), CHANGE	
163	7-621-555-10	SCREW +K 2X3	
164	*3-392-993-01	BRACKET ASSY, LEVER	
165	*3-392-920-01	LEVER (A) ASSY, CHANGE	
166	3-392-966-01	LINK, SELECTOR	
167	*3-392-935-01	ARM, LOCK	

No.	Part No.	Description	Remarks
168	3-392-917-01	SPRING	
169	3-392-994-01	ROLLER, PROGRAM	
170	3-392-950-01	SPRING	
171	*3-392-978-01	LEVER, EJECT	
172	3-392-951-01	SPRING	
173	*3-392-929-01	CAM ASSY, EJECT	
174	*3-392-928-01	ARM (F) ASSY, PINCH	
175	3-392-957-01	SPRING (F)	
176	*3-392-927-01	ARM (R) ASSY, PINCH	
177	3-392-958-01	SPRING (R)	
179	7-623-205-22	SW 2,TYPE 2	
180	7-621-255-25	SCREW +PTT 2X4 (S)	
181	3-392-970-01	CHASSIS, SWITCH	
182	3-316-331-01	RING, STOPPER	

(5) MD ASSEMBLY 3



No.	Part No.	Description	Remarks
201	3-676-387-00	POLY-SLIDER (DIA.1.6)	
202	3-392-943-01	ROLLER, FF	
203	*3-392-930-01	RETAINER, SPRING	
204	3-392-956-01	SPRING (A)	
205	3-392-955-01	SPRING (A)	
206	3-392-988-01	ARM, ADJUSTOR	
207	3-392-931-01	SEAM, ADJUSTOR	
208	3-392-984-01	GUIDE, TAPE	
209	3-392-971-01	LINK, ADJUSTOR	
210	*3-392-975-02	PLATE ASSY, HEAD	
211	7-624-105-04	STOP RING 2.3, TYPE -E	
212	3-392-952-01	SPRING	
213	3-392-942-01	ROLLER (B), H.P	
214	3-392-945-01	ROLLER (A), H.P	
215	3-570-615-00	POLY-WASHER (DIA.1.2)	
216	*3-392-919-01	ARM ASSY, F,R SELECTION	
217	3-392-962-01	SPRING	
218	3-590-768-00	RING (A), E	
219	3-590-770-01	POLY-SLIDER (A)	
220	3-392-914-01	BRACKET ASSY, CM	
221	3-392-963-01	SPRING (R)	

No.	Part No.	Description	Remarks
222	3-392-916-01	ARM ASSY, TU GEAR	
223	3-392-941-01	PULLEY (A), IDLE	
225	3-392-938-01	GEAR, PULLY	
226	3-392-965-01	BELT (B), SUB	
227	*3-392-979-01	LEVER, REVERSE	
228	7-624-104-04	STOP RING 2.0, TYPE -E	
229	*3-392-925-01	ARM (A) ASSY, F.R	
230	*3-392-939-01	ARM, FF	
231	*3-392-934-01	ARM (B), F.R	
232	3-392-926-01	FLYWHEEL ASSY	
233	3-392-967-01	BELT, MAIN	
234	7-627-553-48	SCREW, PRECISION +P 2X4	
235	3-392-909-01	SCREW, AZIMUTH ADJUSTMENT	
236	7-621-255-25	SCREW +PTT 2X4 (S)	
237	3-318-203-11	SCREW (BI.7X6), TAPPING	
238	3-392-918-01	SCREW, EJECT HOOK	
239	7-627-853-17	PRECISION SCREW +P 2X2.2 TYPE3	
241	*3-392-974-01	CHASSIS ASSY, MAIN	
242	*3-392-901-01	CONNECTOR ASSY (2P)	
M101	3-392-908-01	MOTOR ASSY	
S901	1-554-790-11	SWITCH, POWER	

SECTION 5
ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- Items marked "★" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- If there are two or more same circuits in a set such as a stereophonic machine, only typical circuit parts may be indicated and capacitors and resistors in other same circuits may be omitted.

CAPACITORS:
MF: μF, PF: μμF.

RESISTORS
- All resistors are in ohms.
- F: nonflammable

COILS
- MMH: mH, UH: μH

SEMICONDUCTORS
In each case, U: μ, for example:
UA...: μA..., UPA...: μPA...,
UPC...: μPC, UPD...: μPD...

Ref.No.	Part No.	Description			
901	*1-629-901-11	PC BOARD, SWITCH			
902	*A-3273-251-A	MOUNTED PCB, MAIN			
904	*1-575-517-12	CORD, CONNECTOR (FUSE HOLDER)			
905	*1-636-886-11	PC BOARD, FADER			
906	A-3281-643-A	MOUNTED PCB, VOLUME			
C1	1-163-097-00	CERAMIC CHIP	15PF	5%	50V
C2	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C3	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C4	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C5	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C6	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C7	1-124-589-11	ELECT	47MF	20%	10V
C8	1-163-809-11	CERAMIC CHIP	0.047MF	10%	25V
C9	1-163-121-00	CERAMIC CHIP	150PF	5%	50V
C10	1-131-587-11	TANTALUM	0.68MF	10%	35V
C11	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C12	1-126-159-11	ELECT	0.47MF	20%	50V
C13	1-126-301-11	ELECT	1MF	20%	50V
C14	1-124-589-11	ELECT	47MF	20%	10V
C15	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C16	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C17	1-163-097-00	CERAMIC CHIP	15PF	5%	50V
C18	1-126-163-11	ELECT	4.7MF	20%	25V
C19	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C20	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C21	1-164-182-11	CERAMIC CHIP	0.0033MF	10%	50V
C22	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C23	1-124-589-11	ELECT	47MF	20%	10V
C24	1-126-301-11	ELECT	1MF	20%	50V
C25	1-124-464-11	ELECT	0.22MF	20%	50V
C26	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C27	1-126-301-11	ELECT	1MF	20%	50V
C28	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C29	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C30	1-131-342-00	TANTALUM	0.15MF	10%	35V
C31	1-163-115-00	CERAMIC CHIP	82PF	5%	50V
C51	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C52	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C53	1-124-589-11	ELECT	47MF	20%	10V
C54	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C55	1-163-090-00	CERAMIC CHIP	7PF	0.25PF	50V
C56	1-163-095-00	CERAMIC CHIP	12PF	5%	50V
C57	1-124-465-00	ELECT	0.47MF	20%	50V
C58	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C59	1-124-589-11	ELECT	47MF	20%	10V

Ref.No.	Part No.	Description			
C60	1-126-163-11	ELECT	4.7MF	20%	25V
C61	1-126-160-11	ELECT	1MF	20%	50V
C62	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C63	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C64	1-124-463-00	ELECT	0.1MF	20%	50V
C65	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C66	1-124-465-00	ELECT	0.47MF	20%	50V
C67	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C68	1-126-163-11	ELECT	4.7MF	20%	25V
C69	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C70	1-124-589-11	ELECT	47MF	20%	10V
C71	1-126-162-11	ELECT	3.3MF	20%	25V
C72	1-163-809-11	CERAMIC CHIP	0.047MF	10%	25V
C73	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C74	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C75	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C76	1-163-109-00	CERAMIC CHIP	47PF	5%	50V
C77	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C101	1-163-139-00	CERAMIC CHIP	820PF	10%	50V
C102	1-126-160-11	ELECT	1MF	20%	50V
C103	1-163-121-00	CERAMIC CHIP	150PF	5%	50V
C104	1-163-023-00	CERAMIC CHIP	0.015MF	10%	50V
C105	1-124-584-00	ELECT	100MF	20%	10V
C106	1-136-161-00	FILM	0.047MF	5%	50V
C110	1-126-160-11	ELECT	1MF	20%	50V
C201	1-163-139-00	CERAMIC CHIP	820PF	10%	50V
C202	1-126-160-11	ELECT	1MF	20%	50V
C203	1-163-121-00	CERAMIC CHIP	150PF	5%	50V
C204	1-163-023-00	CERAMIC CHIP	0.015MF	10%	50V
C205	1-124-584-00	ELECT	100MF	20%	10V
C206	1-136-161-00	FILM	0.047MF	5%	50V
C210	1-126-160-11	ELECT	1MF	20%	50V
C291	1-124-584-00	ELECT	100MF	20%	10V
C293	1-126-157-11	ELECT	10MF	20%	16V
C351	1-126-163-11	ELECT	4.7MF	20%	25V
C352	1-126-163-11	ELECT	4.7MF	20%	25V
C353	1-126-157-11	ELECT	10MF	20%	16V
C354	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C355	1-124-584-00	ELECT	100MF	20%	10V
C356	1-124-589-11	ELECT	47MF	20%	10V
C357	1-126-157-11	ELECT	10MF	20%	16V
C358	1-124-360-00	ELECT	1000MF	20%	16V
C359	1-124-242-00	ELECT	33MF	20%	16V
C360	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C361	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V

Ref.No.	Part No.	Description			
C362	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C363	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C364	1-124-360-00	ELECT	1000MF	20%	16V
C403	1-126-163-11	ELECT	4.7MF	20%	25V
C404	1-163-005-11	CERAMIC CHIP	470PF	10%	50V
C405	1-126-163-11	ELECT	4.7MF	20%	25V
C406	1-126-163-11	ELECT	4.7MF	20%	25V
C407	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C408	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C409	1-163-024-00	CERAMIC CHIP	0.018MF	10%	50V
C410	1-163-809-11	CERAMIC CHIP	0.047MF	10%	25V
C453	1-126-163-11	ELECT	4.7MF	20%	25V
C454	1-163-005-11	CERAMIC CHIP	470PF	10%	50V
C455	1-126-163-11	ELECT	4.7MF	20%	25V
C456	1-126-163-11	ELECT	4.7MF	20%	25V
C457	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C458	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C459	1-163-024-00	CERAMIC CHIP	0.018MF	10%	50V
C460	1-163-809-11	CERAMIC CHIP	0.047MF	10%	25V
C491	1-124-584-00	ELECT	100MF	20%	10V
C601	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
C602	1-124-791-11	ELECT	1MF	20%	50V
C603	1-126-176-11	ELECT	220MF	20%	10V
C604	1-126-176-11	ELECT	220MF	20%	10V
C605	1-124-473-11	ELECT	1000MF	20%	10V
C606	1-136-742-11	FILM	0.1MF	5%	50V
C651	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
C652	1-124-791-11	ELECT	1MF	20%	50V
C653	1-126-176-11	ELECT	220MF	20%	10V
C654	1-126-176-11	ELECT	220MF	20%	10V
C655	1-124-473-11	ELECT	1000MF	20%	10V
C656	1-136-742-11	FILM	0.1MF	5%	50V
C691	1-126-103-11	ELECT	470MF	20%	16V
C692	1-126-103-11	ELECT	470MF	20%	16V
C693	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C701	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C701	1-163-117-00	(FADER BOARD)			
		...CERAMIC CHIP	100PF	5%	50V
C702	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C702	1-163-117-00	(FADER BOARD)			
		...CERAMIC CHIP	100PF	5%	50V
C703	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C704	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C705	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C706	1-124-242-00	ELECT	33MF	20%	16V
C707	1-124-473-11	ELECT	1000MF	20%	10V
C708	1-163-100-00	CERAMIC CHIP	20PF	5%	50V
C709	1-163-101-00	CERAMIC CHIP	22PF	5%	50V
C710	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C711	1-126-163-11	ELECT	4.7MF	20%	25V
C712	1-126-163-11	ELECT	4.7MF	20%	25V
C713	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C714	1-124-589-11	ELECT	47MF	20%	10V
C715	1-124-589-11	ELECT	47MF	20%	10V
C716	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C721	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
C722	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
C723	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
C724	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
CF1	1-567-107-00	FILTER, CERAMIC			
CF2	1-567-250-11	OSCILLATOR, CERAMIC			
CF3	1-567-107-00	FILTER, CERAMIC			
CF51	1-567-309-11	FILTER, CERAMIC			
CF52	1-527-981-00	FILTER, CERAMIC			
CNJ301	*1-569-362-11	CONNECTOR			
CNP1	*1-506-985-11	PIN, CONNECTOR (PC BOARD) 3P			
CNP101	*1-506-985-11	PIN, CONNECTOR (PC BOARD) 3P			
CNP102	*1-506-984-11	PIN, CONNECTOR (PC BOARD) 2P			
CNP401	*1-506-988-11	PIN, CONNECTOR (PC BOARD) 6P			
CNP402	*1-506-985-11	PIN, CONNECTOR (PC BOARD) 3P			
CNP601	*1-506-988-11	PIN, CONNECTOR (PC BOARD) 6P			
CNP701	*1-506-988-11	PIN, CONNECTOR (PC BOARD) 6P			
CNP901	*1-564-505-11	PLUG, CONNECTOR 2P			
CNP906	*1-506-989-11	PIN, CONNECTOR (PC BOARD) 7P			
D1	8-719-110-46	DIODE RD16ES-B3			
D2	8-719-110-46	DIODE RD16ES-B3			
D3	8-719-911-19	DIODE 1SS119			
D4	8-719-911-19	DIODE 1SS119			
D5	8-719-970-44	DIODE LTZ-MR15			
D51	8-719-981-75	DIODE KV1281-3-2			
D54	8-719-911-19	DIODE 1SS119			
D55	8-719-911-19	DIODE 1SS119			
D56	8-719-911-19	DIODE 1SS119			
D57	8-719-911-19	DIODE 1SS119			
D101	8-719-911-19	DIODE 1SS119			
D102	8-719-911-19	DIODE 1SS119			
D201	8-719-911-19	DIODE 1SS119			
D202	8-719-911-19	DIODE 1SS119			
D351	8-719-109-89	DIODE RD5.6ES-B2			
D352	8-719-911-19	DIODE 1SS119			
D353	8-719-911-19	DIODE 1SS119			
D354	8-719-911-19	DIODE 1SS119			
D355	8-719-911-19	DIODE 1SS119			
D356	8-719-911-19	DIODE 1SS119			
D357	8-719-911-19	DIODE 1SS119			
D358	8-719-911-19	DIODE 1SS119			
D359	8-719-110-13	DIODE RD9.1ES-B2			
D360	8-719-200-82	DIODE 11ES2			
D361	8-719-945-59	DIODE DSA3A4			
D362	8-719-200-82	DIODE 11ES2			
D363	8-719-200-82	DIODE 11ES2			
D364	8-719-911-19	DIODE 1SS119			
D701	8-719-911-19	DIODE 1SS119			
D702	8-719-911-19	DIODE 1SS119			
D703	8-719-911-19	DIODE 1SS119			
D704	8-719-911-19	DIODE 1SS119			
D705	8-719-109-93	DIODE RD6.2ES-B2			
D706	8-719-911-19	DIODE 1SS119			
D707	8-719-911-19	DIODE 1SS119			
D708	8-719-911-19	DIODE 1SS119			
D709	8-719-911-19	DIODE 1SS119			
D710	8-719-911-19	DIODE 1SS119			
D711	8-719-911-19	DIODE 1SS119			

Ref.No.	Part No.	Description
D712	8-719-911-19	DIODE 1SS119
D713	8-719-911-19	DIODE 1SS119
D714	8-719-911-19	DIODE 1SS119
D717	8-719-110-17	DIODE RD10ES-B2
D718	8-719-109-89	DIODE RD5.6ES-B2
D719	8-719-911-19	DIODE 1SS119
D720	8-719-911-19	DIODE 1SS119
D721	8-719-911-19	DIODE 1SS119
FB301	1-410-397-21	FERRITE BEAD INDUCTOR
FB302	1-410-396-41	INDUCTOR 0.45UH
FB303	1-410-396-41	INDUCTOR 0.45UH
FE1	1-465-043-11	FRONT END, FM
HP101	1-543-717-11	HEAD, MAGNETIC (PLAYBACK)
IC1	8-759-820-53	IC LA1145M
IC2	8-759-821-70	IC LA3430M
IC51	8-759-821-95	IC LA1137NM
IC101	8-759-105-60	IC UPC1228HA
IC401	8-759-909-71	IC BA4558F
IC601	1-806-801-11	IC LA4445
IC701	8-759-142-17	IC UPD1708AG-783-00
J1	*1-563-162-11	SOCKET, CONNECTOR
JR1	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR2	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR3	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR4	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR5	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR6	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR7	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR8	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR9	1-216-295-00	METAL GLAZE 0 5% 1/10W
JR10	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR11	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR13	1-216-295-00	METAL GLAZE 0 5% 1/10W
JR14	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR15	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR16	1-216-295-00	METAL GLAZE 0 5% 1/10W
JR17	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR18	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR19	1-216-295-00	METAL GLAZE 0 5% 1/10W
JR20	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR21	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR22	1-216-295-00	METAL GLAZE 0 5% 1/10W
JR28	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR29	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR30	1-216-295-00	METAL GLAZE 0 5% 1/10W
JR31	1-216-295-00	METAL GLAZE 0 5% 1/10W
JR32	1-216-296-00	METAL GLAZE 0 5% 1/8W
L1	1-410-324-11	INDUCTOR 4.7UH
L2	1-410-316-11	INDUCTOR 1UH
L3	1-410-312-11	INDUCTOR 0.22UH
L51	1-410-513-11	INDUCTOR 22UH
L52	1-410-513-11	INDUCTOR 22UH
L53	1-408-418-00	INDUCTOR 56UH
LCD901	1-809-199-11	DISPLAY PANEL, LIQUID CRYSTAL
M701	*1-541-581-11	MOTOR, DC

Ref.No.	Part No.	Description
PL603	1-518-661-11	LAMP, PILOT
PL801	1-518-644-11	LAMP, PILOT
PL802	1-518-644-11	LAMP, PILOT
Q1	8-729-902-99	TRANSISTOR DTC114TK
Q2	8-729-119-76	TRANSISTOR 2SA1175-HFE
Q51	8-729-266-83	TRANSISTOR 2SC2668
Q52	8-729-853-64	TRANSISTOR 2SC536SP-G
Q53	8-729-105-74	TRANSISTOR 2SK523-M1
Q101	8-729-902-99	TRANSISTOR DTC114TK
Q102	8-729-902-99	TRANSISTOR DTC114TK
Q201	8-729-902-99	TRANSISTOR DTC114TK
Q202	8-729-902-99	TRANSISTOR DTC114TK
Q352	8-729-901-00	TRANSISTOR DTC124EK
Q353	8-729-119-76	TRANSISTOR 2SA1175-HFE
Q354	8-729-920-98	TRANSISTOR 2SD1761-EF
Q355	8-729-901-03	TRANSISTOR DTC144WK
Q356	8-729-205-02	TRANSISTOR 2SA1150
Q358	8-729-906-45	TRANSISTOR DTA143XK
Q359	8-729-901-00	TRANSISTOR DTC124EK
Q360	8-729-205-02	TRANSISTOR 2SA1150
Q601	8-729-902-99	TRANSISTOR DTC114TK
Q651	8-729-902-99	TRANSISTOR DTC114TK
Q701	8-729-119-78	TRANSISTOR 2SC2785-HFE
Q702	8-729-119-76	TRANSISTOR 2SA1175-HFE
Q703	8-729-119-78	TRANSISTOR 2SC2785-HFE
Q704	8-729-119-78	TRANSISTOR 2SC2785-HFE
Q705	8-729-967-32	TRANSISTOR 2SC2673
Q706	8-729-178-55	TRANSISTOR 2SC2785-E
Q707	8-729-178-55	TRANSISTOR 2SC2785-E
Q708	8-729-119-78	TRANSISTOR 2SC2785-HFE
R1	1-216-067-00	METAL GLAZE 5.6K 5% 1/10W
R2	1-216-150-00	METAL GLAZE 10 5% 1/8W
R3	1-216-061-00	METAL GLAZE 3.3K 5% 1/10W
R4	1-216-037-00	METAL GLAZE 330 5% 1/10W
R5	1-216-093-00	METAL GLAZE 68K 5% 1/10W
R6	1-216-077-00	METAL GLAZE 15K 5% 1/10W
R7	1-216-109-00	METAL GLAZE 330K 5% 1/10W
R8	1-216-081-00	METAL GLAZE 22K 5% 1/10W
R9	1-216-077-00	METAL GLAZE 15K 5% 1/10W
R10	1-216-073-00	METAL GLAZE 10K 5% 1/10W
R11	1-216-071-00	METAL GLAZE 8.2K 5% 1/10W
R12	1-216-083-00	METAL GLAZE 27K 5% 1/10W
R13	1-216-150-00	METAL GLAZE 10 5% 1/8W
R14	1-216-069-00	METAL GLAZE 6.8K 5% 1/10W
R15	1-216-081-00	METAL GLAZE 22K 5% 1/10W
R16	1-216-095-00	METAL GLAZE 82K 5% 1/10W
R17	1-216-057-00	METAL GLAZE 2.2K 5% 1/10W
R18	1-216-150-00	METAL GLAZE 10 5% 1/8W
R19	1-216-065-00	METAL GLAZE 4.7K 5% 1/10W
R20	1-216-053-00	METAL GLAZE 1.5K 5% 1/10W
R21	1-216-061-00	METAL GLAZE 3.3K 5% 1/10W
R22	1-216-097-00	METAL GLAZE 100K 5% 1/10W
R23	1-216-085-00	METAL GLAZE 33K 5% 1/10W
R24	1-249-437-11	CARBON 47K 5% 1/4W
R25	1-216-748-11	METAL GLAZE 39K 5% 1/10W
R26	1-216-073-00	METAL GLAZE 10K 5% 1/10W
R27	1-216-061-00	METAL GLAZE 3.3K 5% 1/10W

Ref.No.	Part No.	Description			
R28	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R29	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R51	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R52	1-216-043-00	METAL GLAZE	560	5%	1/10W
R53	1-216-121-00	METAL GLAZE	1M	5%	1/10W
R54	1-216-019-00	METAL GLAZE	56	5%	1/10W
R55	1-216-041-00	METAL GLAZE	470	5%	1/10W
R56	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R57	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R58	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R59	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R60	1-216-064-00	METAL GLAZE	4.3K	5%	1/10W
R61	1-216-021-00	METAL GLAZE	68	5%	1/10W
R62	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R63	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R64	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R65	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R66	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W
R67	1-216-111-00	METAL GLAZE	390K	5%	1/10W
R68	1-216-075-00	METAL GLAZE	12K	5%	1/10W
R69	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R101	1-216-023-00	METAL GLAZE	82	5%	1/10W
R102	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R103	1-216-105-00	METAL GLAZE	220K	5%	1/10W
R104	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W
R106	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R107	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W
R108	1-216-109-00	METAL GLAZE	330K	5%	1/10W
R111	1-216-071-00	METAL GLAZE	8.2K	5%	1/10W
R112	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R113	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R201	1-216-023-00	METAL GLAZE	82	5%	1/10W
R202	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R203	1-216-105-00	METAL GLAZE	220K	5%	1/10W
R204	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W
R206	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R207	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W
R208	1-216-109-00	METAL GLAZE	330K	5%	1/10W
R211	1-216-071-00	METAL GLAZE	8.2K	5%	1/10W
R212	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R213	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R292	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R294	1-216-009-00	METAL GLAZE	22	5%	1/10W
R352	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R353	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R354	1-249-407-11	CARBON	150	5%	1/4W
R355	1-216-077-00	METAL GLAZE	15K	5%	1/10W
R356	1-249-432-11	CARBON	18K	5%	1/4W
R357	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R358	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R359	1-216-091-00	METAL GLAZE	56K	5%	1/10W
R360	1-216-198-00	METAL GLAZE	1K	5%	1/8W
R361	1-247-778-00	CARBON	6.2	5%	1/4W
R362	1-247-778-00	CARBON	6.2	5%	1/4W
R366	1-216-149-00	METAL GLAZE	9.1	5%	1/8W

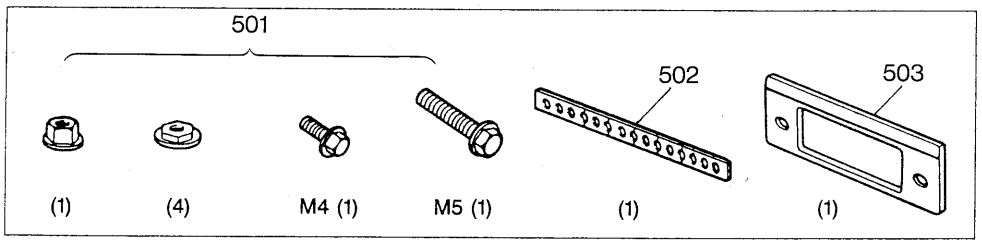
Ref.No.	Part No.	Description			
R367	1-216-149-00	METAL GLAZE	9.1	5%	1/8W
R368	1-216-105-00	METAL GLAZE	220K	5%	1/10W
R369	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W
R370	1-249-409-11	CARBON	220	5%	1/4W
R371	1-249-409-11	CARBON	220	5%	1/4W
R372	1-249-399-11	CARBON	33	5%	1/4W
R373	1-249-399-11	CARBON	33	5%	1/4W
R374	1-249-399-11	CARBON	33	5%	1/4W
R375	1-249-399-11	CARBON	33	5%	1/4W
R405	1-216-095-00	METAL GLAZE	82K	5%	1/10W
R406	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R407	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R408	1-216-041-00	METAL GLAZE	470	5%	1/10W
R409	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R410	1-216-077-00	METAL GLAZE	15K	5%	1/10W
R411	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W
R412	1-216-091-00	METAL GLAZE	56K	5%	1/10W
R455	1-216-095-00	METAL GLAZE	82K	5%	1/10W
R456	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R457	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R458	1-216-041-00	METAL GLAZE	470	5%	1/10W
R459	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R460	1-216-077-00	METAL GLAZE	15K	5%	1/10W
R461	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W
R462	1-216-091-00	METAL GLAZE	56K	5%	1/10W
R491	1-216-009-00	METAL GLAZE	22	5%	1/10W
R601	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R602	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R603	1-216-029-00	METAL GLAZE	150	5%	1/10W
R604	1-216-298-00	METAL GLAZE	2.2	5%	1/10W
R605	1-216-298-00	METAL GLAZE	2.2	5%	1/10W
R651	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R652	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R653	1-216-029-00	METAL GLAZE	150	5%	1/10W
R654	1-216-298-00	METAL GLAZE	2.2	5%	1/10W
R655	1-216-298-00	METAL GLAZE	2.2	5%	1/10W
R701	1-247-895-00	CARBON	470K	5%	1/4W
R702	1-216-113-00	METAL GLAZE	470K	5%	1/10W
R703	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R704	1-247-895-00	CARBON	470K	5%	1/4W
R705	1-247-895-00	CARBON	470K	5%	1/4W
R706	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R707	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R708	1-216-748-11	METAL GLAZE	39K	5%	1/10W
R709	1-249-437-11	CARBON	47K	5%	1/4W
R710	1-249-437-11	CARBON	47K	5%	1/4W
R711	1-249-437-11	CARBON	47K	5%	1/4W
R712	1-249-437-11	CARBON	47K	5%	1/4W
R713	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R714	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R715	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R716	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R717	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R718	1-216-121-00	METAL GLAZE	1M	5%	1/10W
R719	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W
R720	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W
R721	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R722	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W

Ref.No.	Part No.	Description
RV1	1-238-018-11	RES, ADJ, CARBON 33K
RV2	1-238-016-11	RES, ADJ, CARBON 10K
RV3	1-238-019-11	RES, ADJ, CARBON 47K
RV51	1-238-018-11	RES, ADJ, CARBON 33K
RV401	1-238-916-11	RES, VAR, CARBON (WITH SW) 100KX7
RV851	1-238-475-11	RES, VAR, CERMET (WITH SWITCH)
S701	1-554-814-11	SWITCH, SLIDE (FWD/RVS)
S702	1-571-522-11	SWITCH, LEAF (MUTE)
S703	1-571-098-11	SWITCH, SLIDE (ON 10kHz/OFF 9kHz)
S901	1-554-790-11	SWITCH, POWER (TAPE/RADIO)
T1	1-404-856-11	COIL, DISCRIMINATOR
T51	1-402-149-11	COIL, MW ANT
T52	1-426-494-11	COIL (RF)
T53	1-426-233-11	COIL, MW RF (SEC)
T54	1-406-379-11	COIL (OSC)
T55	1-404-857-11	TRANSFORMER, IF
T56	1-404-817-11	TRANSFORMER, IF
X701	1-567-713-11	VIBRATOR, CRYSTAL 4.5MHz

ACCESSORY & PACKING MATERIAL

	3-363-546-01	INDIVIDUAL CARTON
*	3-394-834-01	CUSHION (UPPER)
*	3-394-835-01	CUSHION (LOWER)
	3-752-426-11	MANUAL, INSTRUCTION (ENGLISH,FRENCH,SPANISH,ITALIAN,CHINESE)
	3-752-427-11	MANUAL, INSTRUCTION (ENGLISH,FRENCH,SPANISH,ITALIAN,CHINESE) (INSTALLATION/CONNECTIONS)

MOUNTING HARDWARE



MOUNTING HARDWARE

501	X-3391-202-1	SCREW ASSY, FITTING
502	3-310-655-11	SUPPORT (ND), FITTING
503	3-391-763-41	PLATE, TRIM

9-956-064-11

Sony Corporation
Mobile Electronics Group

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XR-6088

SONY®
SERVICE MANUAL

AEP Model
E Model

CORRECTION-1

Please correct your Service Manual.

☛ : **corrected portion**

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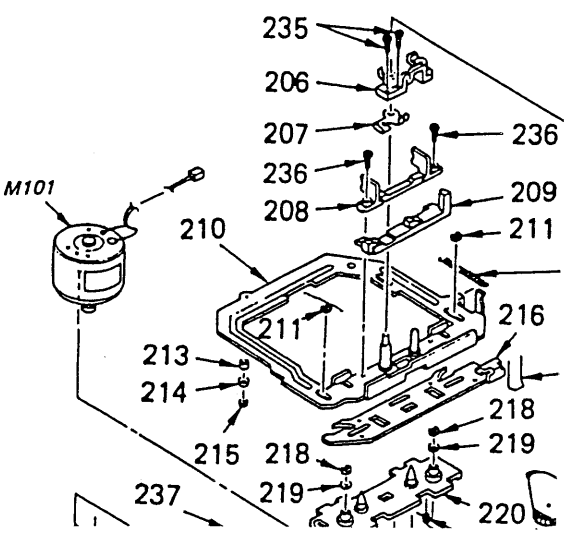

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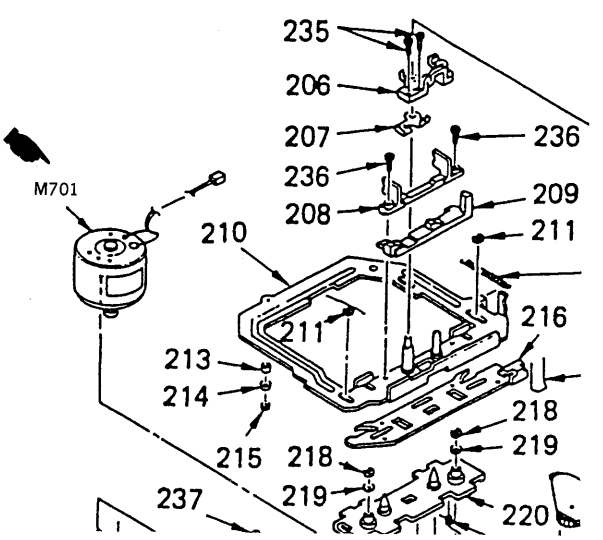

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